

The Sunnyvale Public Library is pleased to present

100 Years of $E=MC^2$

Einstein's Big Idea

sunnyvale library

The Sunnyvale Library is one of 20 libraries nationwide selected to be an outreach site for Einstein's Big Idea, which debuts Tuesday, October 11, 2005, from 8 to 10 p.m. on PBS (check local listings). Einstein's Big Idea was created by NOVA, the top science documentary series on television and produced by WGBH Boston for PBS.

Sunnyvale Library
Program Room

665 W. Olive Avenue,
at Pastoria

(408) 730-7300

TDD (408) 730-7501

Sunnyvale Library
is served by VTA Line 54

For more information, please visit einstein.inSunnyvale.com

**Einstein for Everyone: How Astronomers
Are Proving Einstein's Most Bizarre Ideas about
Space and Time with Astronomer Andrew Fraknoi
of Foothill College**

Wednesday, September 28, 6:30 p.m.

Science concepts in everyday language for non-scientists. Free tickets will be required for this popular program. Up to four tickets per person will be available from the Adult Information Desk, starting on September 14, 2005.

Einstein's Big Idea airs on PBS television

Tuesday, October 11, 8 p.m.

The PBS special shows how Einstein's predecessors provided the intellectual tools for his extraordinary breakthrough and explains his famous $e=mc^2$ equation for viewers. Check local TV listings as viewing times vary.

Gravity Probe B: Testing Einstein's Universe

Saturday, October 15, 2 p.m.

NASA's Shannon Range will give an interactive presentation of this sophisticated experiment designed to test Einstein's general theory of relativity.

**Einstein Big and Small with Comedian/Physicist
Norm Goldblatt**

Tuesday, October 18, 2005, 7 p.m.

Explore microscopic to cosmic numbers and learn how Einstein helped extend the range of our normal senses.

**Book Discussion: A Short History of Nearly
Everything by Bill Bryson**

Thursday, October 20, 2005, 7 p.m.

From atoms to the Earth to the universe, and the rise of civilizations, Bryson describes the seminal discoveries in nearly every branch of the sciences.

Science Scavenger Hunt

Sunday, October 23, 2005, 5 p.m.

Pizza first! Teams will scour the library's resources to answer questions about science. Prizes for winning teams! Students in grade 5 and up, please sign up for this program in the Children's Room or by calling (408) 730-7292 beginning October 10.

Non-Trivial Science: a Trivia Contest

Thursday, October 27, 2005, 7 p.m.

A fun quiz to test your science knowledge! Individuals or teams of high school age and up are welcome. Snacks and prizes! Be there or be mc^2 .

Think Science-Do Science!

Wednesday, November 2, 2005, 7 p.m.

High school physics students will guide you in performing amazing acts of science. For students 5th grade and up.

Energy at Play: The Tech Museum at the Library

Saturday, November 19, 2005, 2 p.m.

Youth, families and adults are welcome to join us, as we put energy to playful use! Teams, under the guidance of The Tech Museum staff members, will build a Tinker Toy™ contraption to meet a challenge. All sorts of things are sure to fly as these crazy Tinker Toy contraptions come together. Fourth grade and up. Adult or older sibling assistance for younger students is encouraged. Sign up, starting November 1 in the Children's Room or phone (408) 730-7292.



www.sunnyvalelibrary.org